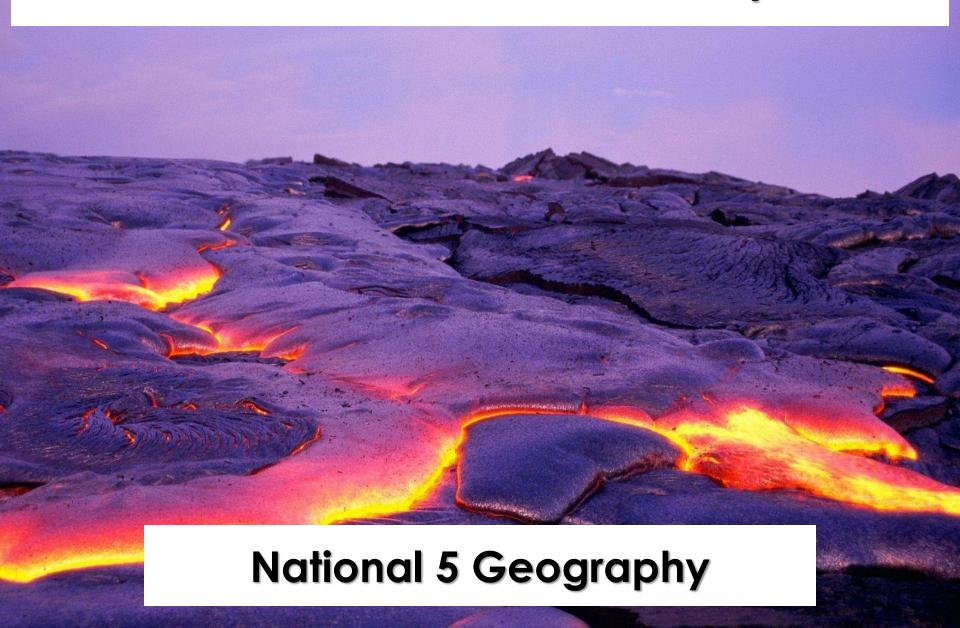
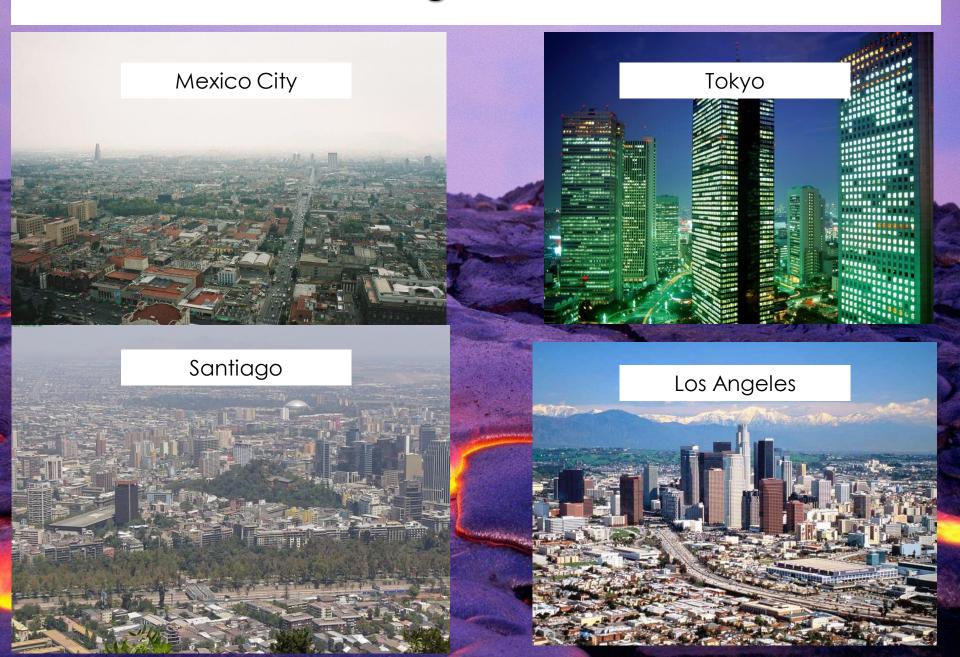
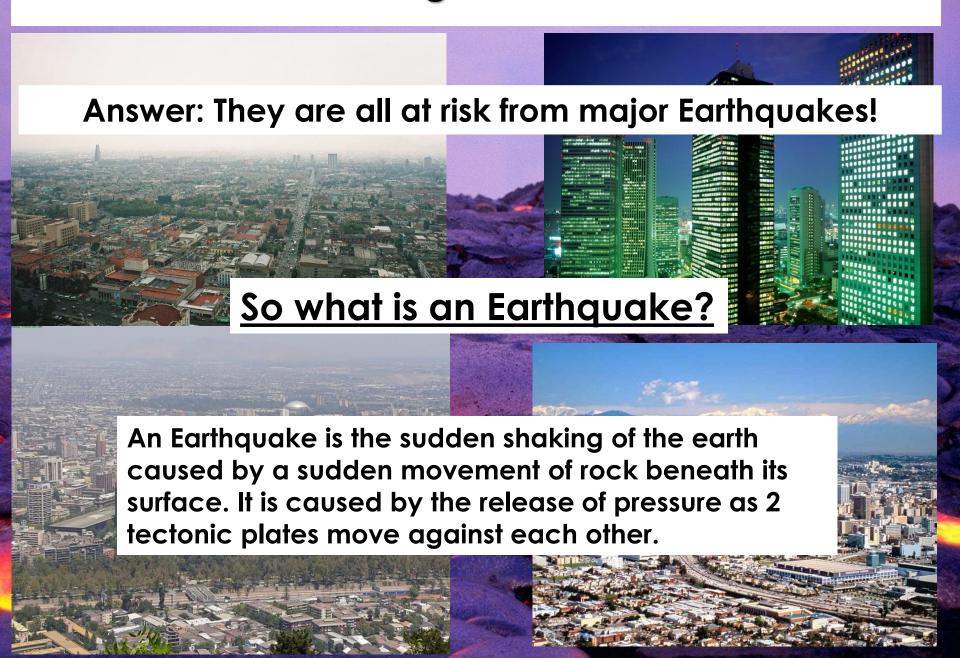
Environmental Hazards: Earthquakes



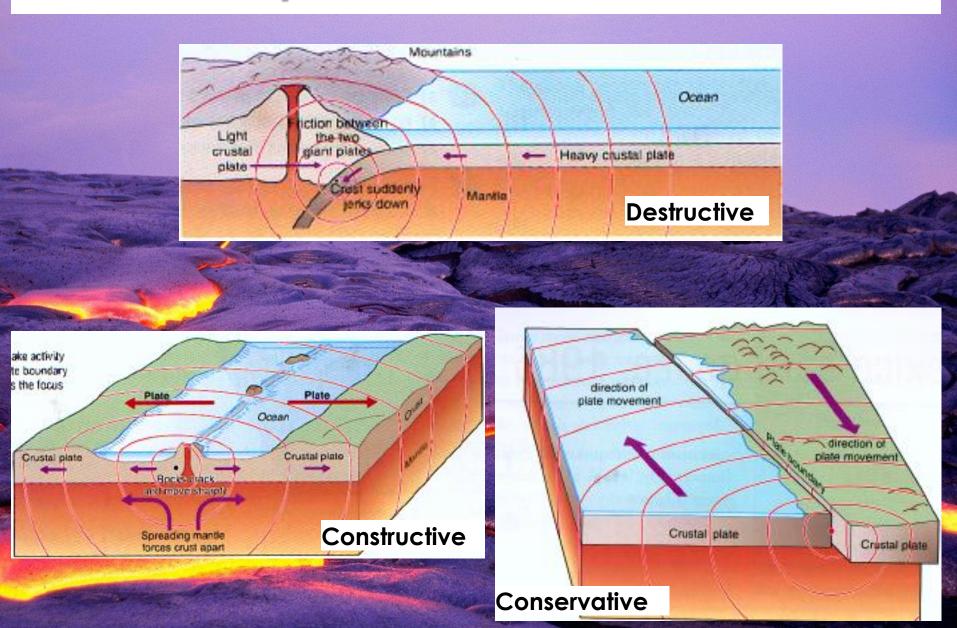
What do the following Cities have in common?



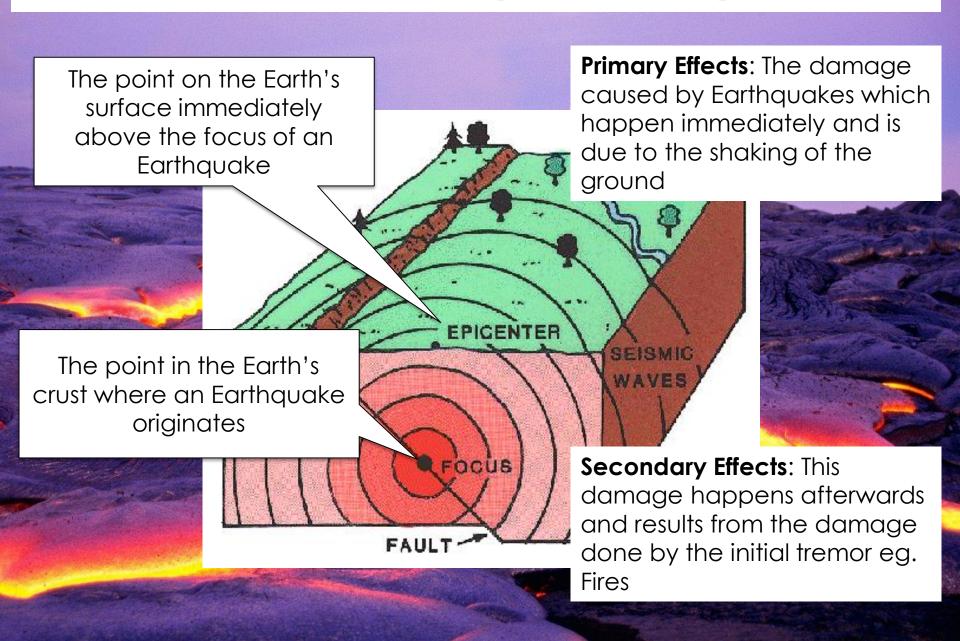
What do the following Cities have in common?



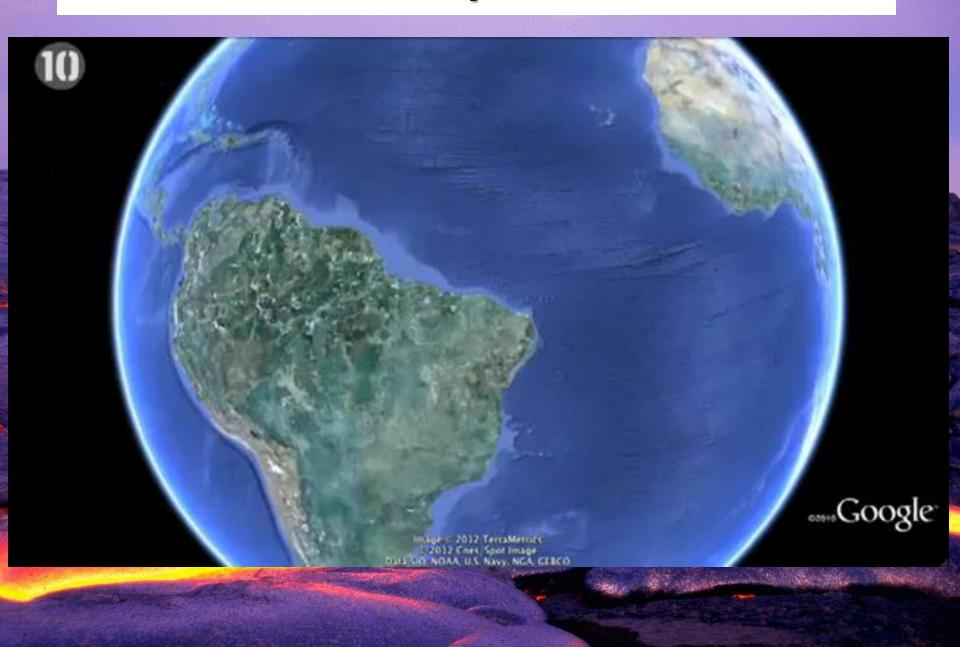
Earthquake Plate Boundaries



Model of an Earthquake: Key Terms



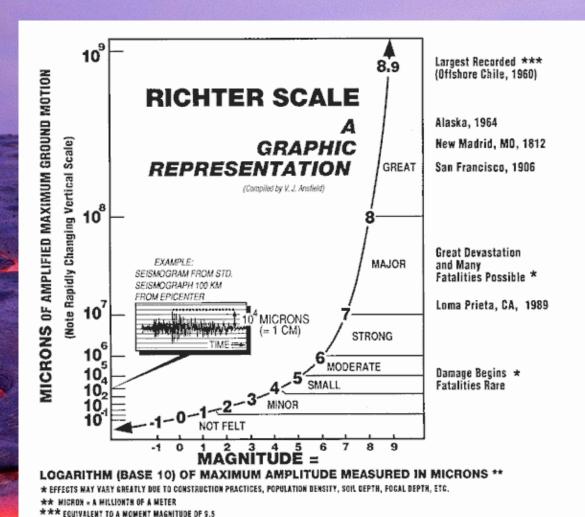
Earthquakes



How do we Measure Earthquakes?



How do we Measure Earthquakes?



Earthquakes are measured on the Richter Scale

The scale rates tremors on a scale of 1-10. 10 being the most powerful

Each number increase on the Richter Scale represents an increase of 10 times the energy of the previous number

The Effects of an Earthquake

The strength of an Earthquake depends on certain things:

The force of the Earthquake

The depth of the Earthquake

The distance from the nearest settlement

Soil type and the amount of water in the ground

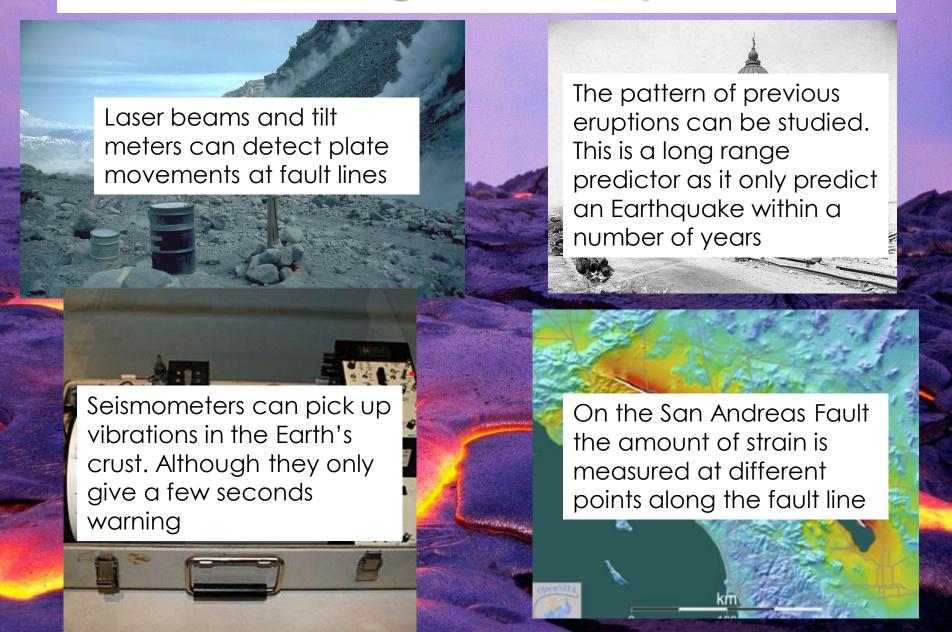
The quality of the buildings and the preparations made by the population

The time of day the quake occurs

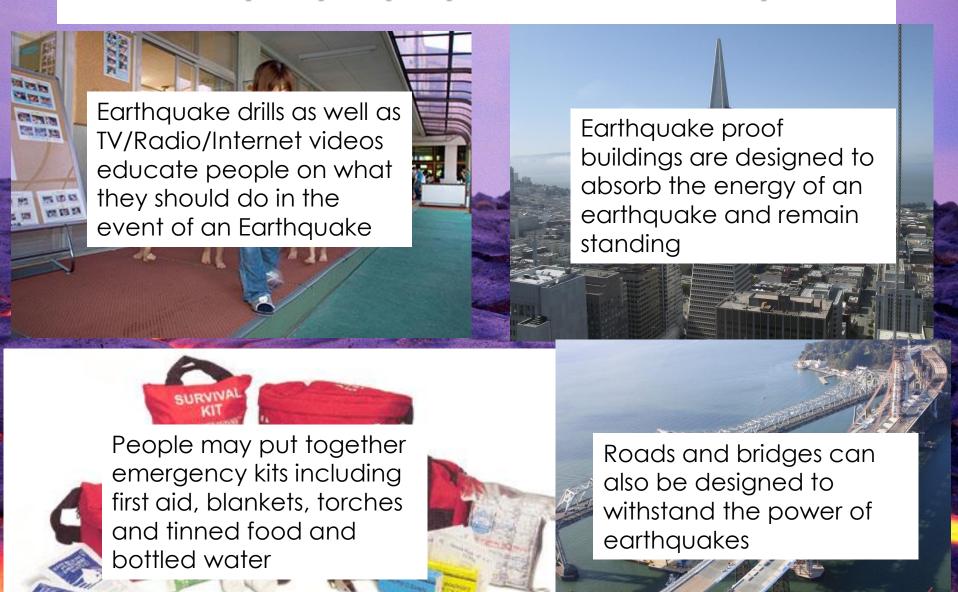




Predicting an Earthquake



How can people prepare for an Earthquake?



Earthquakes and Aid

From our Mount Saint Helens Case Study we know the following:

Short Term Aid involves rapid response to a disaster, including rescuing people, providing emergency health care, food and water and clearing up after the event

Long Term Aid is concerned with returning an area back to its original state through rebuilding

TASK: Using the definition above sort the following into long term and short term aid by creating a table in your notes.

